

**WHAT IS CLAIMED IS:**

1. A method for creating a user-customized menu in a portable radio telephone having a menu table in which service menus for a user are stored in association with corresponding indexes, the method comprising the steps of:

5 upon receipt of a user-customized menu creating key, switching an operating mode of the portable radio telephone to a user-customized menu creating mode;

10 receiving a user-customized menu index in the user-customized menu creating mode;

15 after receiving the user-customized menu index, receiving a menu index to be set as menu contents in the user-customized menu index; and

20 after receiving the menu index, storing the menu index in association with the user-customized menu index.

15 2. The method as claimed in claim 1, wherein said menu index is a service menu index stored in the menu table.

25 3. The method as claimed in claim 1, further comprising the step of displaying a message for requesting the user to input a desired user-customized menu index after switching the operating mode of the portable radio telephone to the user-customized menu creating mode.

4. The method as claimed in claim 1, further comprising the step of displaying a message for requesting the user to input a menu index desired to be input as menu contents in association with the received user-customized menu index.

25 5. A method for creating a user-customized menu in a portable radio

telephone, comprising the steps of:

upon receipt of a user-customized menu creating key, switching an operating mode of the portable radio telephone to a user-customized menu creating mode;

5 displaying a user-customized menu index input request message for requesting a user to input a user-customized menu index of a desired user-customized menu;

after displaying the user-customized menu index input request message, receiving a user-customized menu index from the user;

10 displaying a menu index input request message for requesting the user to input a menu index corresponding to user-customized menu contents desired to be stored in the received user-customized menu index;

after displaying the menu index input request message, receiving a menu index from the user; and

15 storing the received menu index in association with the user-customized menu index.

6. The method as claimed in claim 5, wherein the menu index is an index of a service menu previously stored in the portable radio telephone.

7. The method as claimed in claim 5, further comprising the step of  
20 releasing the user-customized menu creating mode after storing the menu index in association with the user-customized menu index.

8. A method for creating a user-customized menu in a portable radio telephone, comprising the steps of:

25 creating a menu table by designating menu indexes corresponding to service menus for a user;

upon receipt of a user-customized menu creating request from the user to create a

user-customized menu, switching an operating mode of the portable radio telephone to a user-customized menu creating mode;

upon receipt of an index to be designated for the user-customized menu in the user-customized menu creating mode, receiving a service menu selected to be used for the user-customized menu and mapping the received index to the service menu; and

5           storing the mapped service menu in the menu table in association with the index received for the user-customized menu.

9.       The method as claimed in claim 8, further comprising the step of  
10      releasing the user-customized menu creating mode after creating the user-customized menu table.